



## ***BMW, 3 Series (E36), 5 Series (E39), 7 Series (E38) with M41 and M51 engines***

### **Poor engine start-up**

If there are complaints about the above-mentioned fault, the fuel pump in the tank could be the cause. Customers could also complain about a lack of engine performance. If bio diesel is the only type of fuel used to drive the vehicle, this can lead to a major reduction in the service life of the fuel pump (from approx. 5000 hours to approx. 300-400 hours). This is explained by the excess wear of the carbon brushes in the pump. In this case the fuel pump has to be replaced.

**Bulletin**

